


AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

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1. (cancelled)
 2. (cancelled)
 3. (cancelled)
 4. (cancelled)
 5. (cancelled)
 6. (cancelled)
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 8. (cancelled)
 9. (cancelled)
 10. (cancelled)
 11. (cancelled)
 12. (cancelled)
 13. (cancelled)
 14. (cancelled)
 15. (cancelled)
 16. (cancelled)
 17. (cancelled)
 18. (cancelled)
 19. (cancelled)

20. (cancelled)
21. (cancelled)
22. (cancelled)
23. (cancelled)
24. (cancelled)
25. (cancelled)
26. (cancelled)
27. (new) An atherectomy device comprising:
a catheter having a proximal and a distal end and a lumen therebetween;
a support structure in the lumen adjacent the distal end;
one or more energy conduits in the catheter, each having a distal end supported
by the support structure; and
one or more magnet members disposed in the distal end of the catheter.
28. (new) The device of claim 27 wherein the support structure projects past
the distal end of the catheter.
29. (new) The device of claim 27 wherein the support structure comprises
one or more passages through which the one or more energy conduits extend.
30. (new) The device of claim 29 wherein at least one of the one or more
passages is defined around a central passageway of the lumen.
31. (new) The device of claim 30 wherein the central passageway is left open.
32. (new) The device of claim 27 wherein the one or more energy conduits
comprise an electrode conductor, the device further comprising an electrode on the
distal end of the electrode conductor.
33. (new) The device of claim 27 wherein the one or more energy conduits
comprise an optical fiber.
34. (new) The device of claim 27 wherein the energy conduit distal end is
rotatable within the support structure.
35. (new) The device of claim 27 wherein the energy conduit distal end is
rotatable with the support structure within the catheter.

36. (new) The device of claim 27 wherein the support structure comprises the one or more magnetic members.

37. (new) The device of claim 27 wherein the support structure comprises a sheath.

38. (new) The device of claim 27 wherein the support structure comprises a laser ablation tool.

39. (new) The device of claim 27 wherein the one or more magnet members are positioned in a wall of the catheter.

40. (new) The device of claim 27 further comprising an ablation member at the catheter distal end.

41. (new) The device of claim 40 wherein the one or more magnet members are comprised by the ablation member.

42. (new) The device of claim 27 wherein the support structure comprises a passage for a guidewire.

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